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TI Negative electrode mfr. for alkaline storage battery - by mixing zinc powder, electrolyte-soluble paste, e.g. of carboxymethyl cellulose, **stearate** and alkali electrolyte in a bag.
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Method comprises (1) placing zinc powder, an electrolyte- soluble paste and a **stearate** in amt. of below 1 wt.% in a bag, (2) adding an alkali electrolyte into the bag and (3) mixing the zinc powder, paste and electrolyte in the bag to form a shaped paste negative **electrode**. The **zinc** powder is uniformly dispersed in the electrode. Specifically, the paste is carboxymethyl cellulose, sodium polyacrylate or polyethylene oxide.

In an example, carboxymethyl cellulose paste, zinc powder (100 wt. pts.) and **stearate** (0.5 wt. pt.) were mixed in a bag of polypropylene non-woven cloth. Then 45% KOH soln. was added to the bag to form a paste electrode. The bag was placed on the separator of an alkaline storage battery comprising also a positive electrode and KOH soln. electrolyte in an iron case.
FA AB
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